

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035287.D
 Acq On : 18 Apr 2024 16:50
 Operator : SY/MD
 Sample : P2158-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORE1

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024

Quant Time: Apr 19 01:43:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	323696	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.825	117	233838	50.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.204	152	223258	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142520	45.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.180%		
7) Chloroethane-d5	1.523	69	121097	44.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.200%		
11) 1,1-Dichloroethene-d2	2.056	65	62672	45.735	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.460%		
21) 2-Butanone-d5	3.789	46	206977	111.636	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.640%		
24) Chloroform-d	4.246	84	281408	53.540	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.080%		
26) 1,2-Dichloroethane-d4	4.941	65	181238	54.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.620%		
32) Benzene-d6	4.957	84	562544	71.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	143.240%#		
36) 1,2-Dichloropropane-d6	5.989	67	186396	74.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	149.460%#		
41) Toluene-d8	7.243	98	496515	70.190	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	140.380%#		
43) trans-1,3-Dichloroprop...	7.555	79	85327	70.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	140.740%#		
47) 2-Hexanone-d5	8.040	63	160403	170.092	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	170.090%#		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	293217	85.367	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	170.740%#		
66) 1,2-Dichlorobenzene-d4	11.590	152	134438	26.820	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery =	53.640%#		
Target Compounds					Qvalue	
13) Acetone	2.118	43	9850	5.787	ug/L	97
29) Cyclohexane	4.577	56	29331	10.015	ug/L	99
31) Carbon tetrachloride	4.732	117	35357	13.686	ug/L	98
33) Benzene	5.008	78	292952	38.419	ug/L	100
35) Methylcyclohexane	6.047	83	13924m	4.480	ug/L	
42) Toluene	7.326	91	26195	3.281	ug/L	100
46) Tetrachloroethene	7.911	164	6577	4.575	ug/L	95
51) Chlorobenzene	8.809	112	69295921m	13393.251	ug/L	
64) 1,3-Dichlorobenzene	11.127	146	18080628	2403.853	ug/L	89
65) 1,4-Dichlorobenzene	11.210	146	29526395m	3860.240	ug/L	
67) 1,2-Dichlorobenzene	11.580	146	59700822m	7967.777	ug/L	
69) 1,3,5-Trichlorobenzene	12.590	180	12805	2.362	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	25260513m	5073.017	ug/L	
72) 1,2,3-Trichlorobenzene	13.686	180	7127231	1452.082	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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